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BIFO
BSE INTERNATIONAL
FINANCE OLYMPIAD

Level - 1 : All Level-1 successful* participants will get certificate, aptitude report and online subscription, and school toppers will be eligible for school hero medals.

Level - 2 : School toppers* will be selected for level-2-National level - online computer based interactive test held at exam centres all over India. Besides selection for level-3, winner will get merit certificate, medals, educational CDs, laptop, scholarship and other prizes. There is no level 2 in G.K. and Biotech.

Level - 3 : Toppers will qualify# for level 3-International level-where you will compete with students globally. Get selected for EHF's International Olympiad training camp. Only Indian organization giving students exposure to global competitions. Represent India & win laurels. Guidance by top scientists. Prizes ranges from cash (millions of \$), gadgets, foreign trips, publicity, fame, scholarships, Internships, conference participation and more. Level 3 is in Maths, Science & Cyber only.

*# See prospectus/website for details

1. You are allowed additional 10 minutes to fill the required details in the **RESPONSE SHEET (OMR)**. **STUDENTS OF CLASS 1 & 2 HAVE TO UNDERLINE** THE CORRECT ANSWER IN THE QUESTION PAPER ITSELF. THEY ARE NOT REQUIRED TO USE THE RESPONSE SHEET (OMR). THEY HAVE TO FILL THEIR NAME, ROLL NUMBER, CLASS, SCHOOL NAME IN THE SPACE PROVIDED IN THE QUESTION PAPER.
2. The question paper is made as per syllabus guidelines & pattern given in the information Booklet. The Question Paper for Classes 1 to 6 contains 25 Questions each to be answered in 40 minutes. The Question paper for classes 7 to 12 contains 50 Questions each to be answered in 60 minutes. All questions are compulsory. Further instructions are given in the instruction letter to the teacher.
3. Use the response sheet to mark your responses by darkening the required circle. The response sheet has to be returned to the foundation, duly filled in. The student can retain the Question Paper except for classes 1 and 2.

**NATIONAL
INTERACTIVE
MATHS
OLYMPIAD**

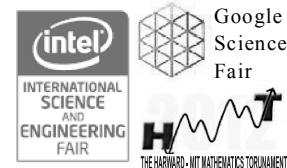
NIMO

**6
Class**

**A1
Paper
Code**

LEVEL - 1

Academic Partner — WWW.EDUSYS.IN

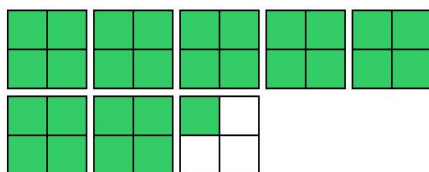


MENTAL ABILITY

1. The sum of all four angles of a quadrilateral is

- (1) 180° (2) 540°
(3) 360° (4) 270°

2. Which number is same as the one shown?



- (1) $6\frac{3}{4}$ (2) $6\frac{1}{4}$
(3) $7\frac{1}{4}$ (4) $7\frac{2}{4}$

3. Which is a false statement?

- (1) A hexagon is polygon
(2) Measure of angles of an equilateral triangle are 60° each
(3) Sides of a rhombus are equal
(4) Heptagon is a quadrilateral

4. The difference between the place value and face value of 5 in 91, 25, 678 is

- (1) 4995 (2) 7213
(3) 1600 (4) None of these

5. The Roman numeral for 61 is

- (1) LC (2) XLI
(3) LXI (4) CM

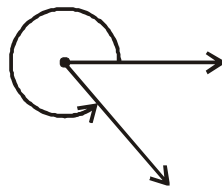
MATHEMATICS

6. Which is not a composite number?
(1) 26 (2) 15
(3) 17 (4) 4
7. In roman numerals, 1400 =
(1) MCD (2) DIXC
(3) MDX (4) XCD
8. Sudhir bought a bat and ball for playing. The bat cost ₹66.50 and the ball cost ₹52.25. If he bought 3 bats and 5 balls, then how much money did Sudhir spend in all?
(1) ₹450.00 (2) ₹460.75
(3) ₹500.00 (4) None of these
9. How can you check an answer of a quotient with a remainder?
(1) Quotient \times Dividend \times Divisor = Remainder
(2) Quotient \times Divisor – Dividend = Remainder
(3) Dividend – (Quotient \times Divisor) = Remainder
(4) None of these
10. The first two multiples of 6 are
(1) 6, 12 (2) 12, 18
(3) 6, 24 (4) None of these
11. The HCF of 14, 23, 35 is
(1) 9 (2) 1
(3) 7 (4) None of these
12. The sixth multiple of 9 is
(1) 45 (2) 54
(3) 63 (4) 48
13. Write your answer in the simplest form
 $6\frac{2}{11} - 7\frac{1}{11} + 2\frac{10}{11} =$
(1) $\frac{22}{11}$ (2) $\frac{17}{11}$
(3) $\frac{9}{11}$ (4) $\frac{32}{11}$

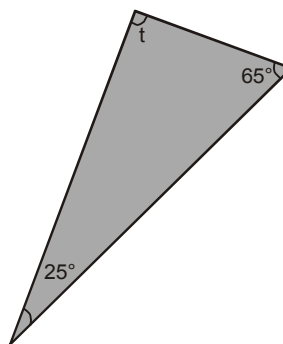
14. Which is a true statement?
(1) 37 is a composite number
(2) $\frac{12}{10} = 1.2$
(3) A prime number has only few factors
(4) 0 is the multiplicative identity

15. Which is shortest?
(1) 1 mm (2) 9 inches
(3) 10 cm (4) 0.01 m
16. Renu's bag is 1.04 kg lighter than Ram's bag. Renu's bag weighs 3.08kg. How much does Ram's bag weigh?
(1) 4.12kg (2) 41.2kg
(3) 4.02kg (4) None of these

17. The given angle is-

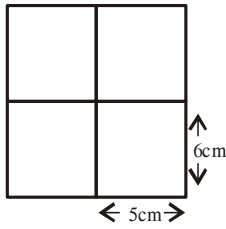


- (1) Acute (2) Obtuse
(3) Reflexive (4) Right
18. What is the measure of the missing angle?



- (1) 0° (2) 90°
(3) 180° (4) None of these

19. What is the area?



- (1) 120 cm^2 (2) 60 cm^2
(3) 30 cm^3 (4) 120 cm

20. Look at the pattern below:

100, 104, 108, 112, 116, 120, 124

What is the rule of the pattern?

- (1) Counting by 4s (2) Counting by 14s
(3) Counting by 24s (4) Counting by 40s

EtG INTERACTIVE SECTION

21. Rahul's age is seven years less than twice the age of his cousin Suresh. Suresh's present age is x years.

What is Rahul's present age?

- (1) $(2x - 7)$ years
(2) $2(x - 7)$ years
(3) $(2x + 7)$ years
(4) $2(x + 7)$ years

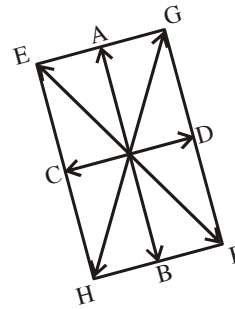
22. Arzoo and Nitin have same amount of money in the ratio 3:4. If Arzoo has ₹ 1215, then what amount does Nitin have?

- (1) 1500 (2) 1496
(3) 1620 (4) 1220

23. The supplementary angle of 68° is-

- (1) 12° (2) 112°
(3) 54° (4) 90°

24. Which pair of line segments are lines of symmetry for the rectangle?



- (1) AB and EF (2) HG and CD
(3) EF and GH (4) AB and CD

25. Three hundred sixty million five hundred eleven thousand, two hundred forty is represented in numbers as

- (1) 365011204 (2) 360511240
(3) 360115240 (4) None of these



END OF THE EXAM